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BOROUGH OF DEAL

PUBLIC HEALTH DEPARTMENT

ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH
FOR THE YEAR 1959

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BOROUGH OF DEAL

PUBLIC HEALTH COMMITTEE
(To 1st. June, 1959).

CHAIRMAN

Councillor S.S. Dunn

VICE CHAIRMAN

Councillor P.A.W. Haffenden

MEMBERS

is Worship the Mayor, Alderman J.A. Tapping, J.P.
ouncillor W.H. Ball
ouncillor F.H. Collyer
ouncillor A. Jenkins
ouncillor J.R. Monk
Councillor L.H. Clarke
Councillor (Dr.) A.P. Fry
Councillor (Mrs.) M. Mackie
Councillor (Miss) E.M. Macrae
Councillor E.W. Prescott

(From 1st. June, 1959)

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ouncillor (Mrs) V.H. Dadd
ouncillor J.W. Groombridge
uncillor J.A. Lawton
Councillor L.H. Clarke
Councillor (Dr.) A.P. Fry
Councillor A. Jenkins
Councillor (Mrs.) M. Mackie
Councillor J.R. Monk

STAFF

edical Officer of Health:	Dr. C.F. Lynch, M.B., B.Ch., B.A.O., D.P.H.
eputy Medical Officer of Health:	Dr. J.A. Kelly, M.B., B.Ch., B.A.O., D.P.H.
enior Public Health Inspector:	W. Green, M.R.S.H., M.A.P.H.I.
dditional Public Health Inspectors:	G.S.N. Ingham, Cert. S.I.J.B. (To 31. 5. 59). S.W. Swift, Cert. S.I.J.B. (To 31. 5. 59). F.G. Ward, Cert. S.I.J.B., Cert. (From 1. 7. 59). Meat & Food Inspection
upil Public Health Inspector:	J. Morris (From 1. 10. 59).
horthand/Typist:	Mrs. Harris (To 28. 3. 59). Miss Graham (From 31. 3. 59).

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Health Department,
Brook House,
Dover.

: The Mayor, Aldermen and Councillors of the Borough of Deal:

Ladies and Gentlemen,

I have the honour to submit my Annual Report on the Health and nitary Conditions of the Borough for the year 1959 in accordance with the rections of the Ministry of Health.

Vital Statistics: The estimated mid-year population was 25,750 mpared with 25,670 in 1958. The birth rate after adjustment for mparative purposes was 16.3 per 1,000 population compared with 17.9 for the evious year. The rate for England and Wales was 16.5. The death rate djusted) per 1,000 population was 11.2 compared with 11.6 for 1958 and .6 for England and Wales, (1959). The infant mortality rate on the other nd rose to 32.8 per 1,000 live births. This is a considerable increase on e rate for the previous year (23.0) and on the average for the Country as whole (22.0). In approximately one third of the cases congenital lformation was the cause of death.

There were no maternal deaths during the year.

Infectious Diseases (excluding Tuberculosis): Although there was an tbreak of dysentery which gave rise to 108 notified cases, infectious sease notifications during the year were fewer than in 1958, when measles s epidemic. The dysentery outbreak began among school children in whom e infection was generally mild and due to the sonne bacillus.

Two cases of poliomyelitis were notified, one paralytic and one non-ralytic. Vaccinations against the disease continued throughout the year, increased number of persons of 15 years and over being vaccinated under e County Scheme. The numbers of all age groups receiving a third jection were also increased.

Tuberculosis: An increase is recorded in the number of new cases of spiratory tuberculosis notified during the year. Towards the end of the ar a survey was carried out in the town by the Regional Hospital Board's niature Radiography Service and the results are summarised in Section F of is Report.

Cancer: There was a decrease in the annual mortality from cancer nerally and this included a slight reduction on the number of deaths from ng cancer.

Environmental conditions affecting community health continued to receive ose attention.

One of the Department's important functions in this respect concerns using and further action was taken both formally and informally towards the imination of unfit dwellings and the improvement of housing conditions nerally.

I have to thank the Chairman and Members of the Public Health Committee r their interest and support throughout the year, and the Senior Public alth Inspector for his co-operation in the preparation of this Report.

I have the honour to be,

Mr. Mayor, Ladies and Gentlemen,

C.F. LYNCH

Medical Officer of Health

SECTION A - VITAL STATISTICS AND SOCIAL CONDITIONS

. .. .	2,917 acres.
ion Estimated Mid 1959	25,750
e Value (as at 31st. March, 1960)	..£304,511
ed Product of Penny Rate 1959/60	£1,269

YMENT:

I am greatly indebted to the Manager of the Employment Exchange for the following on local unemployment statistics for 1959:-

"The numbers of men and women registered at Deal as unemployed at the end of re:-

Men:	Women:	Total:
249	48	297

There were in addition 16 boys and 5 girls registered at the Youth Employment

The average number of adults registered as unemployed during 1959 was 275 d with 253 in 1958 and 275 in 1957. Deal therefore, as might be expected from th of manufacturing industry, has not shared in the improved employment situation ccurred in the country generally.

37 of the unemployed men were registered under the Disabled Persons (Employment)

With regard to the duration of local unemployment, 61 of the men registered at the the year had been out of work continuously for more than six months; and 111 had t for under two months.

About half of the unemployed are unskilled. The principal occupations of the are clerical, driving and catering.

Because of the comparatively high level of unemployment which persists locally, women living in Deal who cannot get a job, can qualify for financial assistance e Ministry of Labour to enable them to settle in jobs in other parts of the . This assistance includes Lodging Allowances for a family man, payment of ld removal expenses and a contribution towards the legal and other fees in house d purchase. Few, if any, have taken advantage of this Scheme so far''.

VITAL STATISTICS

(Compared with Statistics for Years 1957 and 1958)

(All rates shown for 1959 are calculated on the Registrar General's estimated mid-year population of 25,750)

The area comparability factors for use with crude birth and death rates contain ents for boundary changes and make allowance for the way in which the sex and tribution of the local population differs from that for England and Wales as a In addition, the death rate area comparability factors have been adjusted cally to take account of the presence of any residential institutions in each When local crude birth and death rates are multiplied by the appropriate area bility factor, they are comparable with the crude rate for England and Wales the corresponding adjusted rate for any other area.

RED LIVE BIRTHS (CORRECTED FOR INWARD AND OUTWARD TRANSFERS)

1957:	1958:	1959:
427	434	396

Legitimate	181 male 194 female
Illegitimate	13 male 8 female

LIVE BIRTH RATE (per 1,000 of estimated population) Comparability factor - 1.06

	1957:	1958:	1959:
Crude	16.74	16.91	15.38
Adjusted	17.74	17.92	16.30

Legitimate live births per 1,000 estimated population - 14.56
Illegitimate live births per 1,000 of estimated population - 0.82
(These are unadjusted figures)

STILLBIRTHS:

1957:	1958:	1959:
7	3	11

STILLBIRTH RATE (per 1,000 live and Stillbirths):

1957:	1958:	1959:
16.13	6.86	27.03

REGISTERED DEATHS (Corrected for inward and outward transfers)

1957:	1958:	1959:	
269	305	292	- 139 males 153 females

DEATH RATE (per 1,000 estimated population) Comparability factor - 0.99

	1957:	1958:	1959:
Crude	10.55	11.88	11.34
Adjusted	10.34	11.64	11.23

DEATH RATE OF INFANTS UNDER 1 YEAR OF AGE:

	1957:	1958:	1959:
All infants per 1,000 live births	18.73	23.04	32.83
Infant Deaths - Number	8	10	13

SPECIALLY RECORDED DEATHS:

	1957:	1958:	1959:
Deaths from Cancer (all ages)	58	61	48
Deaths from Measles (all ages)	-	-	-
Deaths from Whooping Cough (all ages)	-	-	-
Deaths from Diarrhoea (under 2 years of age)	-	-	-

TABLE I

CAUSES OF DEATH, BY AGE GROUPS, IN THE BOROUGH OF DEAL DURING 1959.

(Statistics from available local information)

Cause of Death	Under 1		1 Year		2 - 4		5 - 14		15 - 24		25 - 44		45 - 64		65 - 74		75 and Over		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1. Tuberculosis, Respiratory	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	-	2	1
2. Tuberculosis, Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3. Syphilitic Disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4. Diptheria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5. Whooping Cough	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6. Meningococcal infection	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7. Acute Poliomyelitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8. Measles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9. Other Infective and Parasitic Diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1
10. Malignant Neoplasm, stomach	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	1	2
11. Malignant Neoplasm, Lung and Bronchus	-	-	-	-	-	-	-	-	-	-	-	-	4	-	7	-	2	-	13	-
12. Malignant Neoplasm, Breast	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	1	-	4
13. Malignant Neoplasm, Uterus	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-	2	-	5
14. Other Malignant and Lymphatic Neoplasms	-	-	-	-	-	-	-	-	-	-	1	1	-	5	4	3	4	5	9	14
15. Leukaemia and Aleukaemia	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	1	1
16. Diabetes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-
17. Vascular Lesions of Nervous System	-	-	-	-	-	-	-	-	-	-	-	1	3	5	10	10	10	17	23	33
18. Coronary Disease, Angina	-	-	-	-	-	-	-	-	-	-	-	-	9	2	7	10	6	12	22	24
19. Hypertension with Heart Disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	1	1
20. Other Heart Disease	-	-	-	-	-	-	-	-	-	-	-	-	1	2	8	2	7	8	16	12
21. Other Circulatory Disease	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	5	19	6	21
22. Influenza	1	1	-	-	-	-	-	-	-	-	-	-	-	-	3	1	-	1	4	3
23. Pneumonia	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	1	2	1	5	2
24. Bronchitis	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	1	6	1	9	2
25. Other Diseases of the Respiratory System	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	-
26. Ulcer of Stomach and Duodenum	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	1	-	1	3	2
27. Gastritis, Enteritis and Diarrhoea	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
28. Nephritis and Nephrosis	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	2	1	4
29. Hyperplasia of Prostate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30. Pregnancy, Childbirth, Abortion	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31. Congenital Malformations	2	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3
32. Other defined and ill-defined diseases	1	5	-	-	-	-	-	-	-	1	-	1	3	1	4	2	1	5	9	15
33. Motor Vehicle Accidents	-	-	-	-	-	-	-	-	1	-	-	-	2	-	1	-	-	-	4	-
34. All other Accidents	-	-	-	-	-	-	-	-	3	-	1	-	-	-	1	-	-	1	5	1
35. Suicide	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1
36. Homicide and Operations of War	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE II

BIRTH RATES, DEATH RATES, ANALYSIS OF MORTALITY FROM TUBERCULOSIS, CANCER AND MATERNAL CAUSES, AND CASE RATES FOR CERTAIN INFECTIOUS DISEASES IN THE YEAR 1959 COMPARED WITH FIGURES (PROVISIONALLY BASED ON QUARTERLY RETURNS) FOR ENGLAND AND WAL

	DEAL	ENGLAND & WA
BIRTHS:	Rates per 1,000 Population:	
Live Births	16.30 (b)	16.5
Still Births	0.43	0.35
	27.03 (a)	20.7
DEATHS:		
All Causes	11.23 (b)	11.6
Tuberculosis (i) Respiratory	0.12	0.077
(ii) Other	-	0.008
Cancer (i) Lungs and Bronchus	0.50	0.464
(ii) Other	1.36	1.676
	Rates per 1,000 related Live B	
All causes under 1 year of age	32.8	22.0
	Notification Rates per 1,000 P Population	
NOTIFICATIONS (Corrected):		
Scarlet Fever	1.59	1.06
Diptheria	-	0.00
Typhoid Fever	-	0.00
Paratyphoid Fever	-	0.01
Acute Pneumonia	0.54	0.59
Dysentery	4.19	0.78
Poliomyelitis (i) Paralytic	0.04	0.02
(ii) Non-paralytic	0.04	0.01
Food Poisoning	0.08	0.22
Tuberculosis (i) Respiratory	0.58	0.54
(ii) Meninges & C.N.S.	-	0.01
(iii) Other	-	0.06
Meningococcal Infection	-	0.00
Whooping Cough	1.28	0.74
Measles	4.97	11.88
Erysipelas	0.08	0.07
Smallpox	-	0.00
	Rates per 1,000 Total Related and Still) Births	
Puerperal Pyrexia	4.71	14.00
MATERNAL MORTALITY	-	0.38

(a) Rates per 1,000 total live and still births
(b) Adjusted for Comparative Purposes.
(c) A '-' signifies no cases.

SECTION B - GENERAL PROVISION OF HEALTH SERVICES

LABORATORY FACILITIES:

Facilities for the bacteriological, biological and biochemical examination of mens are available at the Public Health Laboratory, Preston Hall, British Legion ge, Maidstone, and I am indebted to Dr. J.H.C. Walker and his staff for the services red during the year.

AMBULANCE SERVICE:

This service is operated and administered by the Kent County Council, the nce station being at Mill Hill. While the County Medical Officer is unable to separate figures for the Borough of Deal relating to patients, journeys and mileage, llowing details of the service provided by the Deal station are included by his sy:-

Total number of patients	17,568
Total number of journeys	4,117
Total mileage	99,307

MIDWIFERY AND HOME NURSING SERVICES:

These services are administered by the County Medical Officer by whose courtesy llowing figures in regard to the year's work are included:-

(a) County Midwifery Service	
No. of midwives	5
No. of births attended	206
(b) County Home Nursing Service	
No. of Home Nurses	4
No. of patients attended	300
No. of attendances (including casual visits)	10,557

HOSPITAL FACILITIES:

The Victoria Hospital, Deal, under the administration of the South East politan Regional Hospital Board, makes provision for medical and surgical cases, maternity and infectious cases (excepting smallpox) are provided for at the and Hospital and the Infectious Diseases Hospital, Dover, respectively. Any pox cases would be referred to the River Hospital (Long Reach), Dartford, Kent.

NURSING HOME REGISTRATIONS - PUBLIC HEALTH ACT, 1936:

The registration of Nursing Homes within the Borough is the responsibility of unty Authority; there are four Nursing Homes in Deal.

CLINICS AND WELFARE CENTRES:

The following specialist and consultant services are provided by the Kent County il, as the local Health and Education Authority, and by the Regional Hospital at the Victoria Hospital, Deal:-

(a) Regional Hospital Board:

Speciality:	Day and Time:
General Medicine	Thursday 9.0.a.m.
General Surgery	Wednesday 10.30.a.m. and 2.0.p.m.
Orthopaedics	(3 weekly) Monday 9.15.a.m. Wednesday 9.15.a.m.
Gynaecology	1st and 3rd Thursday 2.15.p.m. 2nd and 4th Friday 10.0.a.m.
Ear, Nose and Throat	Tuesday 2.45.p.m.

Speciality:	Day and Time:
Hearing Aids	By arrangement.
Physical Medicine	1st Friday 10.0.a.m. 3rd Saturday 9.0.a.m.
Opthalmology	Monday 1.30.p.m. (Children r by School Medical Officer on
Dermatology	3rd Monday 2.30.p.m. 1st Wednesday 2.30.p.m.
Psychiatry	Friday 2.0.p.m.
Dental	Friday 2.30.p.m.
Chest Diseases	Thursday 2.0.p.m.

N.B. B.C.G. Clinics for Children and School Leavers are held monthly by appointme

(b) School Health Services:

(i)	Minor Ailments	First Aid Post, Victoria Park.	Every Monday 9 -
(ii)	Opthalmic	Victoria Hospital, Deal.	Every Monday p.m.
(iii)	Dental	(a) Victoria Park	Every Monday, Tue and Thursday
		(b) Liverpool Road, Walmer.	Every Tuesday.
(iv)	Child Guidance	Clinic, 51, London Road, Canterbury.	By appointment.
(v)	Speech Therapy	Clinic, First Aid Post, Victoria Park.	Monday and Tuesda by appointment.

(c) Maternity and Child Welfare:

DEAL:

St. Georges Hall, High Street.	Thursdays and Fridays 2 - 4.p.m.
Victoria Park	Wednesdays 2 - 4.p.m.

WALMER:

Baptist Church School Room	Wednesdays 2 - 4.p.m.

GREAT MONGEHAM:

Village Hall	1st, 3rd and 5th Fridays 2 - 4.p.m.

Immunisation against diptheria and whooping cough and vaccination against smallpox are available at all the above centres during the normal child welfare se For smallpox vaccination an appointment is necessary.

7. National Assistance Acts: Persons in need of Care and Attention:-

Resort was necessary during the year to the emergency powers given by the 19 Act to secure the removal of an aged and infirm man to hospital. The man was 75 ye old, and suffering from rodent ulcer of the face; he was living in insanitary cond and was entirely without proper care and attention.

Emergency action was also considered for the removal of an 89 year old woman suffering from grave chronic disease. This patient, suffering from carcinoma of th breast, had till then refused hospitalisation but her condition deteriorated to suc degree that her removal to hospital was finally achieved without recourse to compul

No other action was necessary apart from the continued supervision of old an infirm people already under the notice of the Department from previous years and of new cases coming to light during the year under review.

Local Government Superannuation Acts: Medical Examinations:

Medical examinations for superannuation purposes are undertaken by the Medical er of Health and during the year under review 38 examinations were carried out, llows:-

Department:	Male:	Female:
Town Clerk's	8	4
Borough Surveyor's	9	1
Borough Treasurer's	3	1
Public Health	3	1
Housing	-	2
Entertainments	2	-
Water Engineer's	2	-
Other Authorities	2	-
	29	9

SECTION C - SANITARY CIRCUMSTANCES OF THE AREA

SUPPLY:

All but nineteen of the dwelling houses in the Borough had mains water supply either the Corporation's own undertaking or the Mid Kent Water Company, the latter ying Great Mongeham.

(a) Main Supplies:

I am indebted to the Borough Water Engineer for the following figures relating e Corporation undertaking.

Water consumption for the year ended 31st. December, 1959 - 369,987,000 gallons.

Daily Average .. .. - 1,013,652 gallons.

Consumption per head per day, for all purposes, based on estimated mid year population (25,750) - 39.36 gallons.

The General Manager of the Mid Kent Water Company has informed me that there no major developments in distribution etc., in the area of the Borough served by Company; sterilisation of the water as a routine precautionary measure continued.

Regarding the Deal Corporation undertaking the Borough Water Engineer has rmed me of the proposed implementation of the plans for the provision and installation wo 60 kw alternators for use as standby generating plant in the event of failure of national grid supply, the electricity being necessary for operating the submersible s and tower pump at the Waterworks. These alternators, taking the place of a 57 old and, in the event of an emergency, in-efficient steam engine, will ensure inuity of the abstraction and distribution of the town's water supply. The laying ne four inch and two three inch diameter water mains to serve newly developed housing tes was also completed. Filtration of the water at source is unnecessary but a rn chlorinating plant, installed in 1958, sterilises the water by the automatic ication of liquid chlorine at a rate proportional to the flow of water being treated; chlorine residual in the water is automatically recorded.

Routine sampling was carried out in respect of both undertakings at source and oints of supply and highly satisfactory reports continued to be received.

The Public Health Inspectors took and submitted for bacteriological examination amples of the Deal Undertaking Water and 10 of the Mid Kent supply, both as delivered he public. As stated, all were reported to be highly satisfactory.

The following are typical comments on the chemical examination of the waters:-

Mid Kent Water Company:

Source - Martin Pumping Station. Raw Water from tap on rising main.

Analyst - Mr. D.D. Moir, M.Sc., F.R.I.C.

"This water is of very good organic purity, attractive in appearance and fre from contaminating metals. It is similar in chemical composition to previous sampl from the same source. The water is pure and wholesome and is suitable for the publ supply".

Deal Borough Undertaking:

Source - Tap on standpipe direct off mains. Sterilised.

Analysts - The Counties Public Health Laboratories.

"This sample is clear and bright in appearance, neutral in reaction and free metals. The water is hard in character but its hardness and its content of mineral saline constituents in solution are not excessive. It conforms to the highest star organic quality. The results of analysis are indicative of a pure and wholesome wa suitable for public supply purposes".

(b) Private Supplies:

Of twelve samples taken from private wells for bacteriological examination s were reported as unsatisfactory. Inspection of the wells showed no obvious source dangerous pollution and the contamination was likely in many cases to have been the of surface water gaining access. Advice was given regarding the continued need for sterilisation of the water before drinking pending a decision as to the practicabil providing a mains supply.

DRAINAGE AND SEWERAGE:

During the year a survey of the main drainage system of the Borough was unde by the Council's Consulting Engineers with a view to evolving a scheme of improveme for the relief of flooding etc. The survey was still in progress at the end of the

The new 27" Sea Outfall from the Main Sewage Pumping Station was completed.

Following the bacteriological survey of the Town's bathing beaches referred the Annual Report for 1958, the following is a Report submitted to the Public Healt Committee on the findings in April, 1959.

"I have to report on the investigation of bathing beach contamination at Dea during 1958.

A series of tests was made between May and October when over 90 samples of s water were taken from various sections of the beach, covering all states of the tid These were sent to the Public Health Laboratory at Maidstone and the Department is indebted to the Director, Dr. J.H.C. Walker, for his co-operation in the investigat carrying out the bacteriological work involved.

On examining the data obtained there is ample evidence that the effect of di sewage in the sea is to maintain a bacterial content in the shore water of a potent harmful nature which varies greatly in degree, depending on a number of important f

These factors may be assessed by the bacteriological results obtained though picture is not clear. In general it may be said that beach pollution at North Deal considerably reduced as long as the tide is flowing northwards, and the same applie Walmer when the tide is flowing south. Some results were at variance with these ge observations and were probably due to vagaries of wind and sea, though possibly als sewage release on inappropriate tides.

On the whole the results showed that the sea water contamination at Walmer w than at North Deal whatever the state of the tide. This is no doubt due to the fac sewage discharge at Walmer is on a lower scale than at North Deal.

In order to minimise the beach contamination generally, stringent control ov timing of sewage discharge is essential. Under normal conditions discharge from No should begin only during the early part of the north-bound current so that sewage h

hance of getting clear before the current turns south. For similar reasons sewage rge at Walmer should be restricted to the period of the south-bound current.

Assessment of a possible hazard to public health in the light of these results must a matter of opinion as no relevant epidemiological data was available locally during There are no generally accepted bacterial standards for sea water presuming it safe afe for bathing. Certainly, if ordinary fresh water standards were applied, sea g at Deal could not be recommended. On the other hand it is reassuring that no tely pathogenic organisms were isolated from any samples in the series. Organisms enteric and food poisoning groups were those looked for as they are likely to be t in heavily polluted waters.

In areas where they have been found, samples have probably been unsatisfactory much onsistently than they have been at Deal. On this basis therefore danger of infection his source at Deal might reasonably be considered remote.

For parallel though not similar reasons the potential hazard of poliomyelitis ion may not be as great as was thought at first. On this point, however, as on the n generally, it is hoped that more definite conclusions will be made possible ing analysis of the epidemiological findings of the Working Party on Bathing Beach ination, the results of which have not yet been published".

The following figures show the drainage work carried out by the Public Health ent in the district during 1959. The figures for 1958 are shown for comparison.

	1959:	1958:
Visits	523	500
Blocked drains cleared	201	180
Drains reconstructed or repaired	20	26
Drains inspected or tested	26	59
Cesspools cleared	1	3
Inspection chambers repaired	13	12
Vent pipes repaired/renewed	6	6
Gulleys renewed	4	9

Two formal Notices were served under Section 39 of the Public Health Act, 1936. tices were complied with.

AND STREAMS:

Anti-mosquito work in respect of dykes and ponds etc., was carried out during the months.

CLEANSING:

The collection and disposal of refuse by means of controlled tipping is carried ier the direction of the Borough Surveyor. The Public Health Department co-operates prevention of nuisance, such as the replacement of dustbins and twenty notices were during the year under Section 75 of the Public Health Act, 1936, and were complied

IVE TRADES:

Three Rag and Bone Dealers Establishments are approved by the Council. No ints have been received.

DISINFECTION:

The following figures show the use of the Steam Disinfector during 1959. Figures 58 are shown for comparison.

	1959:	1958:
Times used	14	21
Cases concerned	20	30

	1959:	1958:
Bed Bugs	-	1
Other Vermin	-	1
Infectious Diseases	10	16
Other Causes	10	12
	20	30
No. of Articles treated	179	368

In addition, the Department arranged and carried out the following disinfectio

Houses	17	15
No. of rooms	53	29
Hospital Wards	-	-

FACTORIES ACT, 1937 and 1948.

I. Inspections for purposes of provisions as to health

Premises	No. on Reg.	Number of		
		Inspections	Written Notices	Occupi Prosec
1. Factories in which Section 1 - 6 are to be enforced by Local Authority	15	1	-	-
2. Factories not included above in which Section 7 is enforced by the Local Authority	94	41	6	-
3. Other premises in which Section 7 is enforced by the Local Authority (excluding outworkers premises)	10	5	-	-
TOTAL:	119	47	6	-

II. Cases in which defects were found.

Particulars	No. of cases in which defects were found				No. of in whic prosecu were in
	Found	Remedied	Referred to H.M. Insptr.	By H.M. Insptr.	
Want of Cleanliness	1	1	-	-	-
Overcrowding	-	-	-	-	-
Reasonable Temp.	-	-	-	-	-
Inadequate Vent.	-	-	-	-	-
Ineffective drainage of floors	-	-	-	-	-
Sanitary Conveniences (a) Insufficient	1	1	-	-	-
(b) Unsuitable or defective.	-	1	-	-	-
(c) Not separate for sexes	-	-	-	-	-
Other offences against the Act (not including offences relating to Outwork)	4	3	-	-	-
TOTAL:	6	6	-	-	-

Means of escape in case of Fire.

No Certificates of means of escape in case of fire were issued during 1959.

CONTROL:

Routine Work.

The following table shows routine surface work during 1959.

	Rats	Mice	Total
Premises under treatment at end of 1958	6	1	7
New infestations treated during 1959	169	41	210
Premises cleared of infestations during 1959	163	40	203
Premises under treatment at end of 1959	12	2	14
Total visits by Rodent Operator			935

In addition free bait and advice was given in connection with 113 mouse tions at private houses.

One Notice was served under Section 4 of the Prevention of Damage by Pests Act, nd was complied with.

Sewer Treatment.

The following figures show the number of manholes found to be infested with rats 1959 Sewer Treatment:-

a	No. of Manholes in Area	No. of Manholes found to be infested	
		1959 May	1959 October
er Deal (1)	81	12	15
er Deal (2)	83	-	-
dle Deal	90	-	-
l Hill	111	-	-
er Walmer	87	5	5
er Walmer	92	-	1
gehan	64	2	-
	608	19	21

e sewer infestation is at its lowest ever and is undoubtedly due to the use of in.

%age infestation	%age infestation
3.1%	3.4%

There was a continuous invasion of the district by rats from the surrounding areas in the latter months of the year. A particularly heavy infestation occurred Council's Refuse Tip overnight due to the movement of a whole colony of rats. It tisfactorily dealt with.

LE DWELLINGS:

Camping Sites

The Hawkshill Seaside Camp for London Boys continues to operate under a Licence under Section 269 of the Public Health Act, 1936. No complaints have been ed in relation to the camp.

B. Individual Dwellings

Two licences were issued to erect or station and use trailer caravans withir area. Deal was visited at intervals by Gypsies who left their site in a satisfacto condition.

VERMINOUS AND FILTHY HOUSES:

A. Verminous Premises.

The following figures show the number of disinfestations carried out during year:-

	Council Houses	Non Council Houses	Other Premis
Cockroaches	9	16	18
Bed Bugs	1	6	-
Earwigs	-	1	-
Woodworm	16	35	2
Fleas	4	17	1
Wasp Nests	-	36	-
Flies	-	19	2
Ants	5	-	2
Moths	-	1	-
Total:	35	131	25

Total number of treatments was 191 compared with 142 in 1958.

B. Filthy Houses

59 Visits and re-visits were made to various dirty houses during the year. Formal Notice was served under Section 83, Public Health Act, 1936, and an improvem was obtained.

NATIONAL ASSISTANCE ACT, 1948.

Four Burials were arranged under Section 50 of the Act during the 12 months review.

DEALERS IN OLD METAL:

Five premises are registered under Section 86 of the Public Health Act, (Ame Act, 1907.

RAG FLOCK AND OTHER FILLING MATERIAL ACT, 1951:

There are four premises registered under this Act.

PET ANIMALS ACT:

Six premises were Licensed as Pet Shops during 1959.

LE OF WORKS OF PUBLIC HEALTH INSPECTORS

Premises etc.	INSPECTIONS		REVISITS		1959	1958
	On request	Others	On request	Others	Total	Total
ing Inspections	111	144	252	374	881	1202
t Act	7	-	2	-	9	12
ndard Grants	23	-	1	-	24	-
using Investigations	21	-	6	-	27	26
er Supply	3	20	4	-	27	12
nage	148	171	122	82	523	500
spools	2	1	7	1	11	11
al Keeping	9	27	2	6	44	83
nsive Trades	-	7	-	-	7	10
s, Vans, Sheds etc.	5	30	11	9	55	13
ories with Power	9	11	11	10	41	28
ories without Power	-	1	-	-	1	2
ories (Others)	-	5	-	-	5	13
places	1	2	1	-	4	8
orkers	-	6	-	-	6	1
ic Conveniences	2	11	-	7	20	21
tres	-	7	-	-	7	9
nsed Premises	4	21	3	27	55	123
ision of Dustbins	9	9	1	1	20	14
nsive Accumulation	14	3	5	14	36	32
nt Land and Dumps	34	23	12	44	113	105
on Courts and Passages	16	16	-	4	36	54
se Tips	3	15	-	2	20	21
and Mice	84	86	21	64	255	157
e Nuisances	11	51	10	10	82	33
inous Premises	43	40	34	17	134	88
inous Persons	-	-	-	-	-	8
hy Premises	5	2	42	10	59	134
rly Persons	9	5	38	3	55	49
ctious Diseases	-	229	-	122	351	105
Poisoning	-	4	-	5	9	18
ghterhouses	-	109	-	10	119	67
rs and Streams	1	3	-	-	4	4
uitoes	2	-	1	4	7	1
Shops and Stores	3	61	-	7	71	144
mongers and Poulterers	1	10	1	11	23	53
ers etc.	2	65	1	64	132	314
ngrocers and Fruiterers	-	24	-	17	41	91
heds	-	1	-	-	1	1
ies and Milkshops	3	21	1	7	32	38
d Fish Shops	-	5	-	3	8	30
Cream Premises	10	69	-	12	91	51
erved Food Premises	-	7	-	-	7	14
ls, Barrows etc.	2	24	-	2	28	45
hens	6	128	4	57	195	328
r Shops (Shops Act)	2	68	-	4	74	90
Shops	-	9	-	-	9	16
Flock Premises	-	-	-	-	-	2
houses	-	6	-	-	6	30
ts re unsound food	105	18	3	5	131	144
ling Visits	-	132	-	-	132	210
onal Assistance Burials	4	-	15	-	19	-
n	-	-	-	-	-	6
Hygiene Lectures	4	-	-	-	4	1
llaneous Visits	162	384	4	41	591	318
rviews	83	113	-	-	196	215
ling	1	6	-	-	7	90
s	16	-	-	8	24	21
ly Nightshade	-	1	-	-	1	9
nary	1	1	1	-	3	-
hrossers	-	8	-	1	9	-
of Complaints	-	-	-	-	885	1001
s (Excluding Housing and Complaints):	870	2076	364	691	4001	3923

Total Visits and Inspections.	1959:
Housing	881
Other	4001
Rodent Operator	935
	5817

SECTION D - HOUSING

1. HOUSE CONSTRUCTION:

The Borough Engineer and Surveyor has supplied the following information re the number of houses completed during 1959 and under construction at the 31st. Dec

(a) Completed (including those by private enterprise):

3 Bedroomed houses	22
2 Bedroomed houses	10
2 Bedroomed bungalows	16
3 Bedroomed bungalows	2
1 Bedroomed bungalows (Old People's)	6

(b) Under construction at 31st. December:

152 (including 96 for Admiralty)

2. HOUSING - INSPECTIONS, ADMINISTRATION etc.

The following tables show the work carried out during 1959. The figures fo 1958 are reproduced for comparison.

Official representations were made by the Medical Officer of Health in resp five unfit premises . In four cases undertakings were given as to future user and case a Closing Order was made under Section 18 of the Housing Act, 1957.

Inspection of dwelling houses during the year.	1959
1. (a) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	255
(b) Number of inspections made for that purpose	881
2. (a) Number of dwelling houses (included under Sub section (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	144
(b) Number of inspections made for that purpose	144
3. Number of dwelling houses found to be in a state so injurious to health as to be unfit for human habitation	9
4. Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	95

Remedy of Defects during the year without service of Formal Notice.

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their Officers	113

	1959:	1958:
on under Statutory Powers during the year.		
Proceedings under Sections 9, 10 and 12 of the Housing Act, 1957.		
(a) Number of dwelling houses in respect of which notices were served requiring repairs	2	2
(b) Number of dwelling houses which were rendered fit after service of formal notices		
(1) by owners	1	-
(2) by Local Authority in default of owners	2	-
Proceedings under Public Health Acts.		
(a) Number of dwelling houses in respect of which notices were served requiring defects to be remedied	9	17
(b) Number of dwelling houses in which defects were remedied after service of a formal notice		
(1) by owners	16	9
(2) by Local Authority in default of owners	1	4
Proceedings under Sections 16 and 17 of the Housing Act, 1957.		
(a) Number of dwelling houses in respect of which demolition orders were made	-	-
(b) Number of dwelling houses demolished in pursuance of demolition orders	-	-
(c) Number of dwelling houses in respect of which an undertaking was accepted as to the future user	5	3
(d) Number of dwelling houses in respect of which an undertaking was cancelled, the dwelling having been rendered fit	2	-
(e) Number of dwellings demolished as a result of informal procedure	-	-
Proceedings under Section 18 of the Housing Act, 1957.		
(a) Number of separate tenements or underground rooms in respect of which closing orders were made	1	-
(b) Number of separate tenements or underground rooms in respect of which closing orders were determined, the tenements or rooms having been rendered fit	-	-

Proceedings under Part IV (Overcrowding) of the Housing Act, 1957.

Although accurate information as to the present state of overcrowding is not available apart from the fact that no increases were reported to the Public Health Committee during the year, recommendations in support of 17 applications for rehousing were made to the Housing Department on health grounds, including overcrowding and other conditions prejudicial to health.

Housing Act, 1957.

(a) Number of houses inspected of which notices were served under Section 36	-	-
(b) Number of houses inspected of which notices were served under Section 90	-	-

	1959:	19

G. Rent Act, 1957.

(a)	Number of applications received under Para. 4 (1) First Schedule	5
(b)	Number of Certificates granted under Para. 4 (1) First Schedule	5
(c)	Number of Disrepair Certificates cancelled	-

A selection of Housing Defects Remedied.

Lighting Improved	-	
Roofs repaired or renewed	30	
Walls (external) repointed etc.	23	
Wall plaster repaired	13	
Floors repaired/renewed	16	
Ceiling plaster repaired	9	
Windows repaired/renewed	37	1
Coppers provided/repaired	-	
Fireplaces repaired/renewed	3	
Cooking ranges repaired/renewed	1	
Sinks or wash houses provided	2	
Sinks repaired/renewed	6	
Waste pipes repaired/renewed	4	
Repairs to water supplies	4	
Downspouting repaired/renewed	11	
Guttering repaired/renewed	21	
Food Stores provided/repaired	5	
Sashcords provided	12	
Handrails fixed on stairs	-	
Stairs repaired/renewed	3	
Doors repaired/renewed	16	
Woodwork repainted	5	
Chimneys and stacks repaired	6	
Yards, passages paved/repaired	8	
Dampness abated	30	
Additional ventilation	1	
Rooms cleansed and redecorated	-	
Waterclosets provided	1	
Waterclosets renewed	11	
Watercloset compartments repaired	7	
Watercloset cisterns repaired/renewed	4	
Waterclosets provided with water	-	
Box seats abolished	9	
Pailclosets abolished	-	

SECTION E - INSPECTION AND SUPERVISION OF FOOD

MILK SUPPLY

32 inspections were made during 1959 at Dairies and Milk Shops. There are 29 local premises registered for distribution of milk and one distributor has premises outside the area. There are 9 premises within the area registered as dairies.

Only designated milk may now be sold in this area.

The following Licences under the (Special Designation) Regulations were issued during 1959.

Tuberculin Tested Dealers Licence	26
Tuberculin Tested Dealers Supplementary Licence	1
Pasteurised Dealers Licence	27
Pasteurised Dealers Supplementary Licence	1

The following samples of milk were taken during the year:-

	No. of Samples	Unsatisfactory
Pasteurised	27	-
Tuberculin Tested (P)	16	4 (From Milk Vending Machines)

Three check samples of washed milk bottles showed fairly satisfactory mean counts 90, 633 and 1247 organisms respectively.

CREAM

Eight further premises were registered for the sale of Ice Cream in 1959.

There are now 135 premises registered for the sale of Ice Cream and 8 for the ufacture of Ice Cream.

Forty samples were submitted to the Pathologist with the following results:-

Methylene Blue Test

Grade I	32)	- Satisfactory
Grade II	2)	
Grade III	5)	- Unsatisfactory
Grade IV	1)	

SERVED FOOD PREMISES

Thirty seven premises are registered for the manufacture and sale of preserved d.

D PREMISES

690 visits and re-visits were made to food premises, and the following table ws the improvements secured during the year.

	1959:	1958:
Walls repaired	5	4
Ceilings repaired	6	10
Floors repaired	3	6
Windows repaired	1	1
Doors repaired	1	-
Cleansed/redecorated	23	33
Ventilation provided	2	1
Refuse removed	8	6
Sinks provided/repaired	4	5
First Aid Kit provided	1	19
Fixed Wash basin provided/repaired	21	33
Soap, Towel, Nailbrush etc. provided	7	26
Cold water provided	-	3
Hot water provided	5	24
Equipment cleansed	8	3
Equipment repaired/renewed	-	2
Cold storage provided	1	-
Use of room prohibited	1	-
Sanitary accommodation re-arranged	4	16
Lighting improved	1	1
Staff room or lockers provided	3	3
Room rat proofed	1	1

Food Vehicles etc.

	1959:	19
Vans etc. cleansed	3	
Vans etc. repaired	1	
Vans etc. provided with hot water	-	
Soap, Towel etc. provided	-	
Sinks etc. provided	-	
Name and address exhibited	2	
Use prohibited	-	
Overalls provided (Meat Transport)	1	

Food premises were inspected under the Food Hygiene Regulations and classi as follows:-

A. Complying fully with Regulations.
B. Require improvement to qualify for "A".
C. Require close supervision for cleanliness.

The position at the end of 1959 is shown with the 1958 position for compar

	1959:	19
A.	303	2
B.	110	1
C.	2	

The food premises in the area are in the following categories (primary use

Bread and Cake Shops	11
Ice Cream Manufacturers	2
Bakehouses	5
Dairies and Milk Shops	4
Mobile Vans etc.	18
School Kitchens and Nursing Homes	19
Brewery	1
Mineral Water Factory	1
Chemists	7
Cinemas and Dance Halls	7
Fishmongers and Fried Fish Shops	15
Licensed Premises	70
Clubs	18
Butchers	23
Cafes etc.	34
Confectioners	31
Greengrocers	29
Boarding Houses	52
Grocers	82
	429

SLAUGHTER OF ANIMALS

Two licences were issued during the year to slaughter or stun animals in a slaughterhouse or knackers yard.

SLAUGHTERHOUSES

Only one Slaughterhouse is licensed in the District. The following table details of the number of animals slaughtered in 1959.

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
No. killed	21	Nil	3	197	112
No. inspected	21	-	3	197	112
% inspected	100%	-	100%	100%	100%
All diseases except T.B. Whole carcases condemned	Nil	Nil	Nil	Nil	Nil
Carcases of which some part or organ was condemned	3	Nil	Nil	6	6
% of the number inspected affected with disease other than T.B.	14.3%	Nil	Nil	3.0%	5.4%
Tuberculosis only Whole carcases condemned	Nil	Nil	Nil	Nil	Nil
Carcase of which some part or organ was condemned	1	Nil	Nil	Nil	Nil
% of the number inspected affected with T.B.	4.8%	Nil	Nil	Nil	Nil

SES OF ANIMALS (WASTE FOOD) ORDER, 1957

Seven premises are registered under this order.

D FOOD

The following foodstuffs were condemned during 1959.

e Shops.

	Cwt.	lbs.	ozs.
Tinned Goods.			
Meat	7	100	10
Fish		36	13½
Offal		20	0
Fruit	3	95	8
Milk		60	8½
Vegetables	2	76	12
Syrup		4	0
Cheese		6	2
Soup		8	8½
Preserves		25	0
Coffee	1	0	0
Jelly Cream Mixture		7	0
Rice Pudding		1	0
Pickles		16	4
Other Goods.			
Meat	8	32	4
Fish	9	72	0
Offal		18	0
Bacon	2	8	0
Poultry		14	0
Rabbits	1	32	0
Cheese		5	12
Meat Pies		37	12
Soup			8
	39	12	6½

	Cwt.	lbs.	oz
B/fwd.	39	12	
Butter		102	
Sugar		8	
Cakes		30	1
Flour		43	
Cereals		1	
Suet		2	
Biscuits		61	
Cornflour		10	
At the Slaughterhouse			
Cattle			
Livers (Cirrhotic)		45	
Head & Tongue (T.B.)		30	
Sheep			
Lungs (Parasitic)		5	
Pigs			
Lungs (Parasitic)		1	
Livers (Parasitic)		8	
Livers (Cirrhotic)		4	
Livers (Degeneration)		4	
Kidneys (Cystic)		1	
Total:	2tons. 2cwt.	34lbs.	

FOOD POISONING

Two cases were notified and two cases were otherwise ascertained.

The two notified cases were "single" cases. Clostridium welchii was isolated f the patient in one of these cases. The suspected vehicle of infection was tinned st but none was available for examination.

In the other case specimens from the patient and suspected foodstuffs were nega for organisms of the food poisoning group and this case was presumed to be one of no specific toxin food poisoning.

Cases otherwise ascertained: Husband and wife. Not notified. Suspected food ham which had been stored in meat safe in warm humid kitchen. No pathogenic organis were isolated from this ham or from either patient. Presumptive non-specific toxin food poisoning.

SECTION F - PREVALENCE AND CONTROL OF INFECTIOUS DISEASES

1. Infectious and Other Notifiable Diseases (excluding Tuberculosis and Food Poisoning) Notified in 1959 by Age Groups - Corrected:

Age Group	Scarlet Fever	Measles	Dysentery	Pneumonia	Whooping Cough	Puerperal Pyrexia	Acute Encephalitis Post Infectious	Acute Poliomyelitis Paralytic	Erysipelas	Acute Poliomyelitis Non-Paralytic
Under 5 years	11	60	16	1	24	-	-	1	-	-
5 - 14 years	29	65	50	2	9	-	-	-	-	-
15 - 24 years	-	3	5	-	-	-	-	-	-	1
25 - 44 years	-	-	26	1	-	1	-	-	1	-
45 - 64 years	-	-	8	4	-	-	-	-	-	-
65 and over	-	-	-	6	-	-	-	-	1	-
Age Unknown	1	-	3	-	-	-	-	-	-	-
Total	41	128	108	14	33	1	-	1	2	1
Admitted to Hospital	-	2	-	4	2	-	-	1	-	1
Comparative Totals 1958 (Notified)	18	388	6	10	9	3	1	1	1	-

Two cases of Food Poisoning were notified during the year as compared with that in 1958; two further cases were otherwise ascertained. A note is included under the Food Section of this Report.

Tuberculosis:

New cases of tuberculosis notified during 1959 were as follows:-

	Pulmonary:		Non-Pulmonary:	
	Male:	Female:	Male:	Female:
	6	* 10	-	-
1958	4	4	-	2

Age grouping of the new cases notified during 1959 was as follows:-

15 - 24 years	-	3	-	-
25 - 44 years	2	3	-	-
45 - 64 years	1	2	-	-
65 and over	3	* 2	-	-

* One case not confirmed.

The following "Annual Statement of Tuberculosis" is compiled from the four Quarterly Returns rendered to the County Medical Officer:-

	Pulmonary		Non-Pulmona	
	Male	Female	Male	F
(a) Number of Cases of Tuberculosis on Register as at 1st. January, 1959.	69	60	12	
(b) Number of cases notified under Regulations of 1952 for first time during the year	6	10	-	
(c) Restored to Register	-	-	-	
(d) Added to Register otherwise than by formal notification	3	3	-	
(e) Cases removed from Register during year, including recoveries or deaths (excluding deaths of un-notified cases)	10	14	2	
(f) Cases on Register at end of 1959	68	59	10	

There were no deaths of un-notified cases of Pulmonary Tuberculosis during 19

Of the twenty eight cases whose names were removed from the Register, nine we reported as having recovered, nine removed to other districts, five were lost sight four died, and in one case the diagnosis was not confirmed.

No action was necessary under the Public Health (Prevention of Tuberculosis) Regulations, 1925, (regarding tuberculosis persons employed in the milk trade) or Se 172 of the Public Health Act, 1936, regarding the compulsory removal of tuberculosis patients to hospital.

During the year the Mass Radiography Unit of the Regional Hospital Board visi the Town for Chest X Ray Examinations on a voluntary basis of members of the public wishing to take advantage of the facilities offered.

By courtesy of the Medical Director the results of the survey are given as fo

DEAL AND WALMER

CENTRE	DATE	MINIATURE FILMS TAKEN					ACTIVE TUBERCULOSIS			INACTIVE TUBERCULOSIS			CANCER OF LUNG		
	1959.	Male	Female	Total	Attending for first time		Male	Female	Total	Male	Female	Total	Male	Female	Total
					Number	%									
DEAL															
Astor Hall	21/29. Sept.	794	1166	1960	507	.....	4	1	5	20	12	32	1	-	1
Drill Hall	1/12. Oct.	802	876	1678	340										
		1596	2042	3638	847	20.5									
WALMER															
Baptist Church Hall	29/30. Sept.	190	302	492	352	71.5	-	1	1	2	4	6	-	-	-

3. Immunisation and Vaccination:

The schemes for Whooping Cough and Diptheria immunisation and Smallpox and Poliomyelitis Vaccination were continued under the administration of the Kent County Council and the following statistics are made available by the courtesy of the County Medical Officer:-

(a) Whooping Cough Immunisation:

353 children received primary whooping cough immunisation during 1959.

(b) Diptheria Immunisation:

Number of children resident in the Borough of Deal who during 1959 received:-

(a) Primary inoculations 321
(b) Reinforcing inoculations 186

Number of children under the age of 15 years on the 31st. December, 1959, who completed a course of immunisation at any time before that date:-

	Under 5 years:	5 - 15 years:	Tot
Last complete course of injections (whether primary or booster) 1955 - 1959	1,047	1,806	2,8
1954 or earlier	-	1,866	1,8

(c) Smallpox Vaccination:

Vaccination against smallpox recorded in the Borough of Deal during 1959:-
Age as at 31st. December, 1959.

	Under 1 year:	1-4 years:	5-14 years:	15 and over:	Total:
Number vaccinated	124	139	17	17	297
Number re-vaccinated	-	2	8	19	29

(d) Poliomyelitis Vaccination:

Persons resident in Deal receiving injections against poliomyelitis:-

	Under 1 year:	1-4 years:	5-11 years:	11-14 years:	15 and o
Given two injections	37	568	564	394	1179
Given third injection	-	682	1560	986	456

SECTION G - METEOROLIGICAL CONDITIONS

onth:	Rainfall Ins:	Temperatures		Sunshine Hours:
		Mean Maximum	Mean Minimum	
ar	2.41	39	32	100.1
ua	.01	42	34	78.8
h	1.61	49	41	131.4
l	2.37	53	43	155.2
	0.60	58	47	249.0
	0.47	66	50	278.2
	2.16	70	56	314.0
st	1.31	70	58	255.4
er	0.16	66	55	228.8
be	3.44	61	49	182.7
mb r	5.79	48	41	60.8
mb r	6.29	45	39	24.2
l r Mean	26.62	55.5	45.5	2058.6
- Total or	31.93	53	44	1567.4

DEAL PORT HEALTH AUTHORITY

EXTRACT FROM ANNUAL REPORT OF MEDICAL OFFICER

OF HEALTH FOR YEAR ENDED 31st. DECEMBER, 1959.

SECTION II - AMOUNT OF SHIPPING ENTERING THE DISTRICT DURING THE YEAR:

ips From:	Number:	Tonnage:	Inspected:
reign Ports	26	15,678	Nil

ship was reported as having, or having had during the voyage, infectious on board.

CTION III - TABLE C:

rade of Port comprised passenger traffic only, viz. pleasure day trips to France. vsel (603 net. tons) made 26 voyages landing 4317 persons.

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